

09/601693

	L #	Hits	EAST Search Text	DBs	Time Stamp	Type
1	L1	18153	((manufactur\$3 OR fabricat\$3 OR machin\$3 OR produc\$3 OR production OR assembl\$3 OR grind\$3) WITH (lens OR lenses)) SAME (spectacles OR glasses OR eyeglasses)	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 11:50	BRS
2	L2	215	((manufactur\$3 OR fabricat\$3 OR machin\$3 OR produc\$3 OR production OR assembl\$3 OR grind\$3) WITH (lens OR lenses)) SAME (spectacles OR glasses OR eyeglasses)) SAME bevel\$3	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 11:51	BRS
3	L3	9	("5255199" "5630746" "5660578" "5890949" "5908348" "5967879" "6012965" "6050877" "6203409").PN.	USPAT	2004/06/04 11:51	BRS
4	L4	3	("5588899" "5727987" "5908348").PN.	USPAT	2004/06/04 11:51	BRS
5	L5	6	("2747339" "3894361" "4885875" "4928439" "5630746" "5727987").PN.	USPAT	2004/06/04 11:52	BRS
6	L6	4	6290569.URPN.	USPAT	2004/06/04 11:52	BRS
7	L7	5	6263583.URPN.	USPAT	2004/06/04 11:52	BRS
8	L8	2	6250989.URPN.	USPAT	2004/06/04 11:52	BRS
9	L9	1	6220927.URPN.	USPAT	2004/06/04 11:52	BRS
10	L10	1	6220926.URPN.	USPAT	2004/06/04 11:52	BRS
11	L11	5	6062947.URPN.	USPAT	2004/06/04 11:52	BRS
12	L12	1	6059635.URPN.	USPAT	2004/06/04 11:52	BRS
13	L13	8	6050877.URPN.	USPAT	2004/06/04 11:52	BRS
14	L14	4	5967879.URPN.	USPAT	2004/06/04 11:52	BRS
15	L15	7	5908348.URPN.	USPAT	2004/06/04 11:52	BRS
16	L16	9	5890949.URPN.	USPAT	2004/06/04 11:53	BRS
17	L17	1	5790232.URPN.	USPAT	2004/06/04 11:53	BRS

	1	Document ID	Source	Issue Date	Title	Current OR	Inventor	2 [1]	5
1	<input type="checkbox"/>	US 20020176756 A1	US-P GPUB	20021128	Process for edge-machining of optical lenses	409/132	Gottschald, Lutz et al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	<input checked="" type="checkbox"/>	US 6564111 B1	USPA T	20030513	Method and device for forming a bevel on the edge of a glass lens	700/95	Gottschald, Lutz	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	<input checked="" type="checkbox"/>	US 6332827	USPA T	20011225	Apparatus for machining glass lenses	451/6	Gottschald, Lutz et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	US 6290569	USPA T	20010918	Lens grinding apparatus	451/5	Mizuno, Toshiaki et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	US 6263583 B1	USPA T	20010724	Method of measuring eyeglass frame, an apparatus for the method, and eyeglass lens grinding apparatus having the same	33/28	Mizuno, Toshiaki	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	<input checked="" type="checkbox"/>	US 6250989	USPA T	20010626	Apparatus for grinding eyeglass lens	451/5	Mizuno, Toshiaki	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	US 6220927	USPA T	20010424	Lens grinding apparatus	451/5	Mizuno, Toshiaki et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	US 6220926	USPA T	20010424	Eyeglass lens grinding apparatus	451/5	Mizuno, Toshiaki	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	<input checked="" type="checkbox"/>	US 6168505	USPA T	20010102	Polishing machine for spectacle lenses	451/43	Gottschald, Lutz	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	<input type="checkbox"/>	US 6062947 A	USPA T	20000516	Lens grinding apparatus	451/5	Obayashi, Hirokatsu et	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	<input type="checkbox"/>	US 6059635 A	USPA T	20000509	Apparatus for grinding eyeglass lens	451/5	Mizuno, Toshiaki	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	<input type="checkbox"/>	US 6050877 A	USPA T	20000418	Apparatus and method for grinding eyeglass lenses	451/5	Shibata, Ryoji et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	<input checked="" type="checkbox"/>	US 5967879 A	USPA T	19991019	Process and system to machine and in particular to grind the optical surfaces and/or circumferential edge of eyeglass lenses	451/5	Gottschald, Lutz	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	<input type="checkbox"/>	US 5961376 A	USPA T	19991005	Method of increasing the service life of grinding	451/43	Gottschald, Lutz	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15	<input type="checkbox"/>	US 5926247 A	USPA T	19990720	Method of manufacturing spectacles, and spectacle frames used therefor	351/41	Kimura, Toshio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	<input checked="" type="checkbox"/>	US 5908348 A	USPA T	19990601	Method for CNC-controlled shape grinding of spectacle lenses	451/5	Gottschald, Lutz	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17	<input type="checkbox"/>	US 5890949 A	USPA T	19990406	Eyeglass lens grinding machine	451/5	Shibata, Ryoji	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18	<input type="checkbox"/>	US 5790232 A	USPA T	19980804	Spectacle lens and manufacturing method thereof	351/177	Hagiwara, Susumu et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19	<input type="checkbox"/>	US 5727987 A	USPA T	19980317	Apparatus for the grinding of at least the peripheral edge of eyeglass lenses and	451/5	Gottschald, Lutz	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20	<input type="checkbox"/>	US 5660578 A	USPA T	19970826	Method for determining the lens grinding error and contour follower reading error to calibrating a lens trimming machine	451/8	Clara, Philippe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21	<input type="checkbox"/>	US 5630746 A	USPA T	19970520	Spectacle lens edge grinding machine	451/5	Gottschald, Lutz et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22	<input type="checkbox"/>	US 5538459 A	USPA T	19960723	Process for measuring forward and rearward three-dimensional curves and thickness of a corrective	451/11	Gottschald, Lutz et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	1	Document ID	Source	Issue Date	Title	Current OR	Inventor	2 [1]	5
23	<input type="checkbox"/>	US 5454748 A	USPAT	19951003	Process, block for sucker or a machine for grinding or machining the edge of eyeglass lenses and a process for grinding eyeglass lenses	451/41	Gottschald, Lutz	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24	<input type="checkbox"/>	US 5410843 A	USPAT	19950502	Process for finishing the edge of corrective lenses made of plastic	451/43	Gottschald, Lutz	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25	<input type="checkbox"/>	US 5408792 A	USPAT	19950425	Process, block or sucker for a machine for grinding or machining the edge of eyeglass lenses and a process for grinding eyeglass lenses	451/65	Gottschald, Lutz	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26	<input type="checkbox"/>	US 5363597 A	USPAT	19941115	Eyeglass lens edging machine	451/69	Gottschald, Lutz et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
27	<input checked="" type="checkbox"/>	WO 9940494 A1	EPO	19990812	METHOD AND DEVICE FOR FORMING A BEVEL ON THE EDGE OF A		GOTTSCHALD, LUTZ	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28	<input checked="" type="checkbox"/>	WO 9939869	EPO	19990812	METHOD AN DEVICE FOR MACHINING		GOTTSCHALD, LUTZ	<input checked="" type="checkbox"/>	<input type="checkbox"/>
29	<input type="checkbox"/>	DE 4308800 A	DERWENT	19931021	CNC controlled spectacle lens rim grinder with coaxial half-shafts - uses grinding wheel movable in two directions for lens shaping, and milling or grinding tool for finishing of rim		BARWASSER, G et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30	<input type="checkbox"/>	DE 4200637 A	DERWENT	19930715	Bevelling machine for spectacle lenses - has R-PHI coordinates for glass stored with optical sensor evaluating Z-PHI contour of periphery to control tool.		EICKMEYER, K et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
31	<input type="checkbox"/>	EP 143468 A	DERWENT	19850605	Edge grinding device - grinds bevelled edges of spectacle lenses in accordance with digitised dimensional data of specific		HARA, A et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	L #	Hits	Search Text	DBs	Time Stamp	Type
1	L1	33808	CNC OR numerical\$2 ADJ control\$4	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 12:13	BRS
2	L2	5442	L1 WITH (correct\$3 OR adjust\$4 OR amend\$4 OR chang\$3 OR edit\$3 OR deviat\$4 OR modif\$7 OR rectif\$7 OR alter\$6)	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 12:43	BRS
3	L3	1022	L2 WITH data	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 12:44	BRS
4	L4	627	L3 SAME (tool\$3 OR machin\$3)	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 13:03	BRS
5	L5	566	L3 WITH (tool\$3 OR machin\$3)	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 12:54	BRS
6	L6	17	L5 SAME (wear OR tolerance OR tear OR worn)	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 13:03	BRS
7	L7	18	L4 SAME (wear OR tolerance OR tear OR worn)	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 13:02	BRS

	L #	Hits	Search Text	DBs	Time Stamp	Type
8	L8	3481	L2 SAME (tool\$3 OR machin\$3)	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 13:03	BRS
9	L9	194	L8 SAME (wear OR tolerance OR tear OR worn)	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 13:04	BRS
10	L10	19	L9 AND (lens OR lenses OR spectacles OR glasses OR eyeglasses)	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 13:11	BRS
11	L11	157	L9 NOT (L6 OR L7 OR L10)	USPAT; US-PGPU B; EPO; JPO; DERWEN T; IBM_TDB	2004/06/04 13:12	BRS

	1	Document ID	Source	Issue Date	Title	Current OR	Inventor	2	5
1	<input checked="" type="checkbox"/>	US 5255199 A	USPA T	19931019	Cutting tool form compensaton system and method	700/175	Barkman, William E. et al.	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	US 6615103	USPA T	20030902	Machine tool maintenance system	700/175	Fujishima, Makoto et al.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	<input type="checkbox"/>	US 6474411 B1	USPA T	20021105	Metal protector for threaded extremities of well drilling tubes	166/77.51	Carrano Castro, Angel Gabriel Amadeo	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	<input type="checkbox"/>	US 5815400 A	USPA T	19980929	Machining method using numerical control apparatus	700/173	Hirai, Hayao et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	US 6508692	USPA T	20030121	CNC machine tools	451/5	Gottschalk, Charles E.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	<input type="checkbox"/>	US 6325697	USPA T	20011204	CNC machine tools	451/5	Gottschalk, Charles E.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	<input type="checkbox"/>	US 4974165 A	USPA T	19901127	Real time machining control system including in-process part measuring and inspection	700/193	Locke, Dennis H. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>